Balance & Weight Selector

a comprehensive guide to selecting your next balance

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Catalogue 2012/13

EUROPEAN INSTRUMENTS

SARTORIUS

OXFORD

ADAM

METTLER TOLEDO

OHAUS

PRECISA

A&D

OTHER PRODUCTS AND SERVICES

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European Instruments Ltd

European Instruments, established in 1972, is the leading independent supplier of Laboratory Balances in the UK with a National Sales & Service network who provide impartial advice and Technical Support for all your weighing, calibration and service needs.

We provide a complete calibration and repair facility for all leading makes of balances and UKAS certification service traceable to National Standards, which will meet all quality assurance requirements.
We are also registered to BS EN ISO9001:2008

PRICES

We endeavour to be competitive.
Should you be offered a lower price contact our sales office and we will do our best to better it.
ALL PRICES QUOTED ARE EX WAREHOUSE & EXCLUDE VAT

DELIVERY

Prices exclude delivery typical delivery charges to UK mainland
For single units as follows

Balance value up to £300	£16.00
Balance value over £300	£18.00
Industrial Scale up to 300kg / Platform up to 600 x 600mm	£18.00

Unit prices are reduced for quantity orders. Please ask.

INSTALLATION AND CERTIFICATION

Charges for most parts of the UK mainland are below for a single unit with a capacity under 65kg. *The unit price is reduced for quantity purchases please ask for prices. *When purchased through us.

STANDARD ISO installation and certificate	£105
UKAS installation and certification	£135
IQ/OQ validation includes UKAS certificate	£210

SERVICE AND CALIBRATION

All products we supply are supported by us and we provide service and calibration contracts for all makes of balances, and calibration weights up to OIML class E2, pipettes and ductless fume enclosures.

E&OE

EUROPEAN INSTRUMENTS

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ACS REGISTRARS Quality Assurance ISO 9001 UKAS

Certificate No. 1009988

UKAS CALIBRATION 0438

sartorius
mechatronics

Cubis: The world's first modular lab balance

Cubis from Sartorius is the world's first lab balance to feature a completely modular design and customizable configuration capabilities. Cubis meets our strict requirements for Advanced Pharma Compliance, and its top weighing technology delivers breakthrough performance. Specially tailored to operators' needs, the application-oriented user interface and innovative features of Cubis make operation of the balance uniquely fast and error-free.

Cubis: The new benchmark

turning science into solutions

Draught shield with integrated ioniser

Modularity

Once again, Sartorius sets the standards for all others to follow: Cubis, the first series of laboratory balances that feature a completely modular design. User-configurable and customizable to changing applications.

The Cubis mmodular system offers you a choice of display and control units, weighing modules and draft shields.

The basic characteristics of your custom-tailored Cubis are defined by the particular combination of these modules.
Interface modules and a full range of accessories enable you to customise your balance even further.

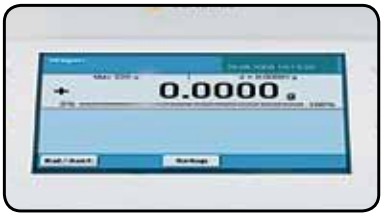
The new Sartorius Cubis has been designed for users who always need the best, but who want to invest only in what is necessary.

Configure your Own Balance

	COMPONENT	MODEL	PRICE
A	Weighing Module		£
B	Display Unit		£
C	Draught Shield		£
	TOTAL		£

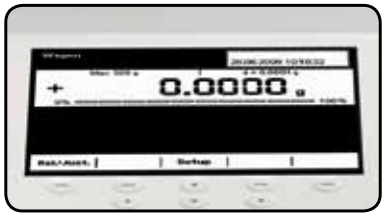
Standard Features
- RS232 data output - 25 pin
- USB Interface
- Ethernet in display unit (not MSE)
- Fully automatic calibration

MSA Display Unit



High contrast TFT touch screen for clear easy viewing. Different individual user screen colours. Powerful software with user guidance system

MSU Display Unit



High-resolution, generously sized, monochrome graphic display and keys that feature positive click action and precise activation of functions. Wide range of performance features.

MSE Display Unit

Large, high-contrast liquid crystal display, easy-to-understand menu guidance with short text prompts; clearly structured keys for precise activation of functions.

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SARTORIUS CUBIS

Model	Capacity (g)	Readability(mg)	Pan Size (mm)	CAL Type	Price£
A : Weighing Modules Micro					
2.7S	2.1 x	0.0001	20	Auto	17,107
6.6S	6.1 x	0.001	30	Auto	14,602
3.6P	3.1/2.1/1.1 x	0.005/0.002/0.001	30	Auto	10,714
A : Weighing Modules 0.01mg					
SA2501	220 x	0.01	85 x 85	Auto	6,686
SA2502	220/120/60 x	0.05/0.02/0.01	85 x 85	Auto	4,935
SA2503	120/60 x	0.1/0.01	85 x 85	Auto	3,766
A : Weighing Modules 0.1mg					
SA2530	520 x	0.1	85 x 85	Auto	5,011
SA2531	520/240/120 x	0.5/0.2/0.1	85 x 85	Auto	4,128
SA2504	320 x	0.1	85 x 85	Auto	3,719
SA2506	320/160/80 x	0.5/0.2/0.1	85 x 85	Auto	2,976
SA2505	220 x	0.1	85 x 85	Auto	2,894
SA2507	120 x	0.1	85 x 85	Auto	2,731
A : Weighing Modules 1mg					
SA2526	5200 x	1	140 x 140	Auto	5,316
SA2525	3200 x	1	140 x 140	Auto	4,219
SA2532	5200/2400/1200 x	5/2/1	140 x 140	Auto	3,948
SA2508	3200/1000 x	10/1	140 x 140	Auto	3,421
SA2509	2200 x	1	140 x 140	Auto	4,274
SA2510	2200/1000 x	10/1	140 x 140	Auto	3,353
SA2511	1200 x	1	140 x 140	Auto	3,657
SA2512	620 x	1	140 x 140	Auto	2,594
SA2513	620/300/150 x	5/2/1	140 x 140	Auto	1,951
SA2514	320 x	1	140 x 140	Auto	1,951
A : Weighing Modules 10mg					
SA2533	14200 x	10	206 x 206	Auto	4,990
SA2534	14200/7000/3500 x	50/20/10	206 x 206	Auto	4,219
SA2515	10200 x	10	206 x 206	Auto	3,948
SA2516	8200 x	10	206 x 206	Auto	3,421
SA2517	6200 x	10	206 x 206	Auto	3,030
SA2518	6200/3000/1500 x	50/20/10	206 x 206	Auto	2,341
SA2535	5200 x	10	140 x 140	Auto	2,949
SA2519	4200 x	10	206 x 206	Auto	2,540
SA2520	2200 x	10	206 x 206	Auto	2,296
SA2521	1200 x	10	206 x 206	Auto	2,006
A : Weighing Modules 100mg					
SA2522	12200 x	100	206 x 206	Auto	2,386
SA2523	8200 x	100	206 x 206	Auto	1,978
SA2524	5200 x	100	206 x 206	Auto	1,470

B : Display Control Units		
MSA	Colour graphic display, touch screen and Ethernet Interface	1,294
MSU	Black and white graphic display, navigation keys and Ethernet interface	818
MSE	Black and White LCD with tactile control keys	374
C : Draught Shields		
DI	Automatic motorised draught shield with integrated ioniser For analytical / semi micro balances	2,705
DA	Automatic motorised draught shield for analytical/semi micro balances	2,112
DU	Manual draught shield for analytical/semi micro balances	780
DE	Manual draught shield for milligram balances (must be selected)	345
DM	Motorized draught shield for ultra and micro balances	1858
Options for all Models		
CE	CE Verified	158
I	Automatic Levelling (Not MSE)	456
IR	RS232 Interface 25 pin	102
IP	RS232 Interface 9 pin including PS/2 port	102
IB	Bluetooth wireless technology interface	102
YDP10-OCE	Data Printer. Requires 25 pin RS232 interface	430
YDP10BT-OCE	Data Printer. Requires Bluetooth interface	430

DI/DA - Automatic analytical draught shield

DU - Manual analytical draught shield

DE - Manual mg draught shield

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SARTORIUS ED SERIES

Faster than any other balance in it's class!

	Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
Analytical	SA1601	220	x 0.0001	90 Ø	Int	2,586
	SA1601OCE	verified 220	x 0.0001	90 Ø	Int	2,682
	SA1602OCE	verified 120	x 0.0001	90 Ø	Int	2,359
	SA1602	120	x 0.0001	90 Ø	Int	2,263
Milligram	SA1603	620	x 0.001	115 Ø	Ext	2,481
	SA1604	620	x 0.001	115 Ø	Int	2,681
	SA1605	420	x 0.001	115 Ø	Ext	1,905
	SA1606	420	x 0.001	115 Ø	Int	2,105
	SA1607	320	x 0.001	115 Ø	Ext	1,739
	SA1608	320	x 0.001	115 Ø	Int	1,939
	SA1609	150	x 0.001	115 Ø	Ext	1,582
	SA1610	150	x 0.001	115 Ø	Int	1,782
Precision	SA1611	6200	x 0.01	180 x 180	Ext	2,481
	SA1612	6200	x 0.01	180 x 180	Int	2,681
	SA1613	4200	x 0.01	180 x 180	Ext	1,905
	SA1614	4200	x 0.01	180 x 180	Int	2,105
	SA1615	3200	x 0.01	180 x 180	Ext	1,686
	SA1616	3200	x 0.01	180 x 180	Int	1,886
	SA1617	2200	x 0.01	180 x 180	Ext	1,625
	SA1618	2200	x 0.01	180 x 180	Int	1,825
	SA1619	820	x 0.01	150 Ø	Ext	1,293
	SA1620	820	x 0.01	150 Ø	Int	1,493
	SA1621	8200	x 0.1	180 x 180	Ext	1,468
	SA1622	8200	x 0.1	180 x 180	Int	1,668
	SA1623	5200	x 0.1	180 x 180	Ext	1,214
	SA1624	5200	x 0.1	180 x 180	Int	1,414
	SA1625	2200	x 0.1	180 x 180	Ext	1,083
	SA1626	2200	x 0.1	180 x 180	Int	1,283

Analytical

YDP20-OCE Data Printer

Features

- Large backlit LCD display
- RS232 output
- Multiple weighting functions
- ISO/GLP Compliant
- CE Verified models available
- Below balance weighing

Accessories	Description	
YDP20-OCE	Data Printer	£581
YCC01-USBM2	RS232/USB connection cable 1.5m	£79
OCE	CE Verified for CW models with internal calibration excluding those marked*	£96

Precision

Milligram

SARTORIUS

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SARTORIUS M-CLASS

NEW

M-Prove

Model	Capacity (g)	Readability (mg)	Pan Size (mm)	CAL Type	Price £
SA2601	120 x	0.001	97 Ø	Ext	334
SA2602	300 x	0.001	97 Ø	Ext	432
SA2603	210 x	0.01	97 Ø	Ext	247
SA2605	610 x	0.01	145 x 130	Ext	334
SA2607	710 x	0.1	145 x 130	Ext	167
SA2608	1500 x	0.1	145 x 130	Ext	247
SA2610	5100 x	0.1	145 x 130	Ext	314
SA2612	6000 x	1	145 x 130	Ext	196

Features

- 1mg models supplied with glass circular windshield
- 1mg & 10mg models supplied with calibration weight
- Mains/battery operation (mg models mains only)
- Application programs
- Mass unit conversion
- Below balance weighing

M-Power

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
SA2615	120 x	0.0001	90 Ø	Ext	963
SA2614	210 x	0.0001	97 Ø	Ext	983
SA2617	310 x	0.001	100 Ø	Ext	649
SA2620	1500 x	0.01	174 x 143	Ext	698
SA2619	3100 x	0.01	174 x 143	Ext	757
SA2625	2100 x	0.1	174 x 143	Ext	551
SA2624	4100 x	0.1	174 x 143	Ext	619
SA2623	6100 x	0.1	174 x 143	Ext	679

Features

- RS232 data output
- Application programs
- Mass unit conversion
- External calibration

M-Power

M-Pact Model	Capacity (g)	Readability (mg)	Pan Size (mm)	CAL Type	Price £
SA2627	120 x	0.0001	90 Ø	Int	1,456
SA2626	220 x	0.0001	90 Ø	Int	1,563
SA2629	420 x	0.001	115 Ø	Int	1042
SA2628	620 x	0.001	115 Ø	Int	1,170
SA2633	820 x	0.01	150 Ø	Int	974
SA2632	2200 x	0.01	180 x 180	Int	1042
SA2631	4200 x	0.01	180 x 180	Int	1150
SA2630	6200 x	0.01	180 x 180	Int	1,268

Features

- Application programs
- RS232 data output
- Mass unit conversion
- Internal calibration

SARTORIUS CPA SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
SA2201	220 / 100	x 0.0001 / 0.00001	80 Ø	Auto	4,440
SA2202	320	x 0.0001	80 Ø	Auto	3,559
SA2203	220	x 0.0001	80 Ø	Auto	3,236
SA2204	120	x 0.001	80 Ø	Auto	2,850
SA2205	64	x 0.001	80 Ø	Auto	2,517
SA2206**	1000	x 0.001	110 Ø	Auto	3,311
SA2207* /**	1000 / 500	x 0.01 / 0.001	110 Ø	Auto	3,050
SA2208	620	x 0.001	110 Ø	Auto	2,770
SA2209	420	x 0.001	110 Ø	Auto	2,281
SA2210	320	x 0.001	110 Ø	Auto	2,176
SA2211	220	x 0.001	110 Ø	Auto	1,992
SA2212	6200	x 0.01	190 x 204	Auto	2,892
SA2213* / **	5200	x 0.01	130 Ø	Auto	2,787
SA2214	4200	x 0.01	190 x 204	Auto	2,368
SA2215	3200	x 0.01	190 x 204	Auto	2,202
SA2216	2200	x 0.01	190 x 204	Auto	2,071
SA2217* / **	2200	x 0.01	130 Ø	Auto	2,324
SA2218	6200 / 3000 / 1500	x 0.05 / 0.02 / 0.01	190 x 204	Auto	2,525
SA2219	10000	x 0.1	190 x 204	Auto	1,939
SA2220	8200	x 0.1	190 x 204	Auto	1,722
SA2221	5200	x 0.1	190 x 204	Auto	1,564
SA2222	2200	x 0.1	190 x 204	Auto	1,617
SA2223	34000	x 0.1	400 x 300	Auto	3,696
SA2224	34000/16000/8000	x 0.5 / 0.2 / 0.1	400 x 300	Auto	3,075
SA2225	16000	x 0.1	400 x 300	Auto	3,180
SA2226	12000	x 0.1	400 x 300	Auto	2,718
SA2227	34000	x 0.1	400 x 300	Auto	2,429

** Equipped with analytical draft shield as standard

Part Number	Description	
YDP20-OCE	Dot Matrix Statistical printer	£581
YDS01CP	Draught shield for 1mg models	£298
YDK01	Density determination for semi-micro & analytical balances	£554
YCC01-USBM2	USB interface cable for connecting to PC	£79
OCE	Verified version (except those marked*)	£162

SARTORIUS TE SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
SA1701*	210	x 0.0001	90 Ø	Ext	2,079
SA1702*	120	x 0.0001	90 Ø	Ext	1,852
SA1703	64	x 0.0001	90 Ø	Ext	1,625
SA1704	310	x 0.001	100 Ø	Ext	1,502
SA1705	150	x 0.001	100 Ø	Ext	1,206
SA1706	3100	x 0.01	174 x 143	Ext	1,502
SA1707	1500	x 0.01	174 x 143	Ext	1,206
SA1708	610	x 0.01	116 Ø	Ext	926
SA1709	410	x 0.01	116 Ø	Ext	690
SA1710	210	x 0.01	116 Ø	Ext	594
SA1711	6100	x 0.1	174 x 143	Ext	926
SA1712	4100	x 0.1	174 x 143	Ext	690
SA1713	2100	x 0.1	174 x 143	Ext	594
SA1714	610	x 0.1	174 x 143	Ext	454
SA1715	12000	x 1	174 x 143	Ext	550
SA1716	6100	x 1	174 x 143	Ext	454
SA1717	4100	x 1	174 x 143	Ext	410

0.1g readability

Analytical

* These models can be **CE Verified**. Please add the extension OCE to model number when ordering. Extra cost £193

Features	Accessories	Description	
• High contrast LCD display	YDP20-OCE	Dot Matrix Statistical printer	£581
• RS232 interface port			
• Application programs			

Cal type: auto = automatic int = internal ext = external

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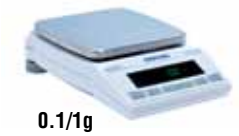
OXFORD ANALYST SERIES

NEW

Model	Capacity (g)		Readability(g)	Pan Size (mm)	CAL Type	Price £
XB 120A	120	x	0.0001	80 Ø	Ext	1,377
XB 220A	220	x	0.0001	80 Ø	Ext	1,521
XB 160M	160	x	0.001	135 x 135	Ext	1,040
XB 320M	320	x	0.001	135 x 135	Ext	1,184
XB 620M	620	x	0.001	135 x 135	Ext	1,425
XB 620C	620	x	0.01	170 x 170	Ext	943
XB 2200C	2200	x	0.01	170 x 170	Ext	1,080
XB 3200C	3200	x	0.01	170 x 170	Ext	1,184
XB 4200C	4200	x	0.01	170 x 170	Ext	1,280
XB 6200C	6200	x	0.01	170 x 170	Ext	1,521
XB 3200D	3200	x	0.1	200 x 200	Ext	895
XB 6200D	6200	x	0.1	200 x 200	Ext	943
XB 10200D	10200	x	0.1	200 x 200	Ext	1,080
XB 10200G	10200	x	1	200 x 200	Ext	895

0.0001g



0.1/1g

0.001g

0.01g

Features
- RS232 data output
- Vacuum fluorescent display
- GLP compliant
- Multiple weighing units
- Density, counting and percentage
- Die-cast aluminium housing

Accessories

EC verified	315
SCS Fully automatic internal calibration	145
DP1014/APL0103 Printer	320

OXFORD SCIENTIA SERIES

NEW

Model	Capacity (g)		Readability(g)	Pan Size (mm)	CAL Type	Price £
ES125SM-e	125	x	0.00001	80 Ø	Auto	£3,678
ES225SM-DR-e	102 / 225	x	0.00001 / 0.0001	80 Ø	Auto	£3,211
ES120A-e	120	x	0.0001	90 Ø	Auto	£2,044
ES220A-e	220	x	0.0001	90 Ø	Auto	£2,184
ES320A-e	320	x	0.0001	90 Ø	Auto	£2,418
ES420A-e	420	x	0.0001	90 Ø	Auto	£2,838
ES520A-e	520	x	0.0001	90 Ø	Auto	£3,258
ES420A-FR-e	120 / 420	x	0.0001 / 0.001	90 Ø	Auto	£2,418
ES320M-e	320	x	0.001	135 x 135	Auto	£1,717
ES620M-e	620	x	0.001	135 x 135	Auto	£1,904
ES920M-e	920	x	0.001	135 x 135	Auto	£2,138
ES1220M-e	1220	x	0.001	135 x 135	Auto	£2,371
ES2220M-e	2220	x	0.001	135 x 135	Auto	£2,838
ES620M-FR-e	120 / 620	x	0.001 / 0.01	135 x 135	Auto	£1,671
ES1220M-FR-e	240 / 1220	x	0.001 / 0.01	135 x 135	Auto	£2,138
ES1200C-e	1200	x	0.01	200 x 200	Auto	£1,473
ES2200C-e	2200	x	0.01	200 x 200	Auto	£1,531
ES4200C-e	4200	x	0.01	200 x 200	Auto	£1,671
ES6200C-e	6200	x	0.01	200 x 200	Auto	£1,951
ES8200C-e	8200	x	0.01	200 x 200	Auto	£2,418
ES6200C-FR-e	2200 / 6200	x	0.01 / 0.1	200 x 200	Auto	£1,764
ES8200C-DR-e	3200 / 8200	x	0.01 / 0.1	200 x 200	Auto	£1,904
ES6200D-e	6200	x	0.1	200 x 200	Auto	£1,437
ES8200D-e	8200	x	0.1	200 x 200	Auto	£1,577
ES12200D-e	12200	x	0.1	200 x 200	Auto	£1,764
ES12200G-e	12200	x	1	200 x 200	Auto	£1,437

0.01mg & 0.1mg

0.001g

0.01g & 0.1g

Features
- Swiss design and manufacture
- Modern space saving design
- High resolution performance
- Pharma / GLP compliance
- Minimum sample weight
- Multiple connectivity

Features

DP1014/APL0103 Impact Printer £320

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NewClassic Balances

For Immediate Results and Lasting Value

Precise results - MonoBloc and FACT for fast guaranteed weighing results

Durable and robust - Metal, chemical resistant housing for harsh environments

Efficient handling - Open the door and place the weighing sample in one action

Easy to clean - Dishwasher safe draught shield and drip tray

Semi Micro

Analytical

Precision

Heavy Capacity

METTLER TOLEDO

METTLER TOLEDO XP SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT1207	210 x	0.0001	90Ø	Auto	4,350
MT1208	410 x	0.0001	90Ø	Auto	4,950
MT1209	410/80 x	0.001/0.0001	90Ø	Auto	4,210
MT1214	500/2100 x	0.001/0.01	127 x 127	Auto	4,890
MT1215	1000/5100 x	0.001/0.01	127 x 127	Auto	5,400
MT1210	210 x	0.001	127 x 127	Auto	3,530
MT1211	610 x	0.001	127 x 127	Auto	4,040
MT1212	1210 x	0.001	127 x 127	Auto	5,140
MT1213	610/120 x	0.01/0.001	127 x 127	Auto	3,420
MT1244	810 x	0.01	170 x 205	Auto	2,520
MT1216	1210 x	0.01	170 x 205	Auto	3,090
MT1245	2100 x	0.01	170 x 205	Auto	3,250
MT1217	4100 x	0.01	170 x 205	Auto	3,600
MT1246	4100/800 x	0.1/0.01	170 x 205	Auto	2,950
MT1218	6100 x	0.01	170 x 205	Auto	4,050
MT1219	6100/1200 x	0.1/0.01	170 x 205	Auto	3,390
MT1220	8100 x	0.01	170 x 205	Auto	4,430
MT1221	10100 x	0.01	170 X 205	Auto	4,910
MT1222	10100/2000 x	0.1/0.01	170 x 205	Auto	4,190
MT1247	2100 x	0.1	190 x 223	Auto	2,300
MT1223	4100 x	0.1	190 x 223	Auto	2,560
MT1224	6100 x	0.1	190 x 223	Auto	2,830
MT1225	8100 x	0.1	190 x 223	Auto	3,110
MT1226	10100 x	0.1	190 x 223	Auto	3,520
MT1236	8100 x	0.1	280 x 360	Auto	3,370
MT1237	16100 x	0.1	280 x 360	Auto	4,350
MT1238	32100 x	0.1	280 x 360	Auto	4,880
MT1239	64100 x	0.1	280 x 360	Auto	6,690
MT1240	32100 x	0.1	280 x 360	Auto	4,040
MT1241	16100 x	1	280 x 360	Auto	3,140
MT1242	32100 x	1	280 x 360	Auto	3,420
MT1243	64100 x	1	280 x 360	Auto	5,190

Features
- Colour touch screen display
- Smartsense hands free operation
- RS232 interface
- Minimum weight modification
- GLP Compliant
- Fully automatic temperature or time controlled calibration
- Bluetooth connectivity
- Download software via internet
- Eight user profile settings
- Multiple functions and weighing units

XP Large Platforms

Accessories	Description	
229265	RS-P42 Printer - RS232 connection	£484
11132540	BT-P42 Wireless Bluetooth printer (req. 11132535)	£431
11132535	BTS option: Interface Bluetooth (except those marked *)	£88
/M	Verified version (except those marked *)	£210

Cal type: auto = automatic int = internal ext = external

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METTLER TOLEDO XP ANALYTICAL SERIES

Model	Capacity (g)	Readability (mg)	Pan Size (mm)	CAL Type	Price £
MT1201	120/31	x 0.1/0.01	78 x 73	Auto	6,310
MT1202	220/81	x 0.1/0.01	78 x 73	Auto	7,770
MT1203	220	x 0.01	78 x 73	Auto	9,030
MT1204	220	x 0.1	78 x 73	Auto	5,890
MT1205	520	x 0.1	78 x 73	Auto	7,020
MT1206	520/101	x 1/0.1	78 x 73	Auto	6,050

XP range

Features
- Colour touch screen display
- SmartSens - hands free operation
- Blue Tooth connectivity
- IP54 protection
- GLP output
- RS232 Output
- Minimun weight indication

Accessories	Description	
RS-P42	Printer	£484
BT-P42	Printer bluetooth (requires 11132535)	£431
11132535	Blue tooth BTS single connection	£88
11132530	Bluetooth BT multipoint	£221
11107761	Integral anti static kit	
	Analytical models	£1,442
/M	CE Verified Version	£170

METTLER TOLEDO MICRO SERIES

Model	Capacity (g)	Readability (mg)	Pan Size (mm)	CAL Type	Price £
MT1251	2.1	x 0.0001	16 Ø	Auto	18,330
MT1252	6.1	x 0.0001	16 Ø	Auto	20,430
MT1334	0.8/3.1	x 0.001/0.01	27 Ø	Auto	12,8670
MT1250	6.1	x 0.001	27 Ø	Auto	15,590
MT1249	22	x 0.001	40 x 40	Auto	16,610
MT1254	52	x 0.001	40 x 40	Auto	19,160
MT1253	5.1/22	x 0.002/0.01	40 x 40	Auto	13,660
MT1255	11/52	x 0.002/0.01	40 x 40	Auto	17,580

High performance micro and ultra micro balances designed to reach the highest measurement performances; e.g. show the best repeatability values.

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Features
- Touch screen operation
- Backlit multi-colour display
- Automatic doors
- IP54 protection
- GLP output
- RS232 output
- Bluetooth connectivity
- Minimun weight indication

Accessories	Description	
00229265	RS-P42 Printer for RS-232	£484
111325540	BT-P42 Printer bluetooth (requires 11132535)	£431
11132535	Blue tooth BTS single connection	£88
11132530	Bluetooth BT multipoint	£221
I/ M	CE verified version	£POA

MT1251

MT1254

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METTLER TOLEDO XS SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT1306	220/81	x 0.001/0.0001 Delta Range	78 x 73	Auto	3,570
MT1301	120/41	x 0.0001/0.00001 Dual Range	78 x 73	Auto	4,060
MT1302	220/81	x 0.0001/0.00001 Dual Range	78 x 73	Auto	4,900
MT1303	61	x 0.0001	78 x 73	Auto	3,110
MT1304	120	x 0.0001	78 x 73	Auto	3,620
MT1305	220	x 0.0001	78 x 73	Auto	4,060
MT1307	210	x 0.001	127 x 127	Auto	2,870
MT1308	410	x 0.001	127 x 127	Auto	3,110
MT1309	610	x 0.001	127 x 127	Auto	3,370
MT1311	1010	x 0.001	127 x 127	Auto	3,660
MT1310	610/120	x 0.01/0.001	127 x 127	Auto	2,660
MT1312	810	x 0.01	170 x 205	Auto	2,210
MT1313	2100	x 0.01	170 x 205	Auto	2,750
MT1314	4100	x 0.01	170 x 205	Auto	3,110
MT1315	4100/800	x 0.1/0.01 Delta Range	170 x 205	Auto	2,380
MT1317	61001200	x 0.1/0.01 Delta Range	170 x 205	Auto	2,720
MT1316	6100	x 0.01	170 x 205	Auto	3,430
MT1318	4100	x 0.1	190 x 223	Auto	1,950
MT1319	6100	x 0.1	190 x 223	Auto	2,110
MT1320	8100	x 0.1	190 x 223	Auto	2,380
MT1327	8100	x 0.1	280 x 360	Auto	2,950
MT1328	16100	x 0.1	280 x 360	Auto	3,950
MT1329	32100	x 0.1	280 x 360	Auto	4,430
MT1330	32100/6400	x 1/0.1 Delta Range	280 x 360	Auto	3,660
MT1331*	16100	x 1	280 x 360	Auto	2,760
MT1332*	32100	x 1	280 x 360	Auto	3,100

Analytical

CE Verified. Please add the extension /M to model number when ordering - price below

Features
- FACT Fully automatic calibration
- Backlit display with touch screen operation
- Multiple functions & weighing units
- RS232C data output
- Bluetooth connection
- Download software via the internet

Accessories	Description
00229265	RS-P42 Printer for RS232 £484
111325540	BT-P42 Bluetooth printer (reg. 11132535) £431
11132535	BTS Bluetooth single version £88
11132530	BTS Blutooth multipoint connection £221
11106706	Density kit £441
/M	Verified version £210

Milligram

Large

Precision/Medium

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METTLER TOLEDO CLASSIC SERIES

NEW

Classic MS Analytical

Model	Capacity (g)	Readability (mg)	Pan Size (mm)	CAL Type	Price £
MT2001	120 x	0.01	80 Ø	Auto	4,290
MT2002	42/120 x	0.01/0.1	80 Ø	Auto	3,160
MT2003	82/220 x	0.01/0.1	80 Ø	Auto	3,900
MT2004	120 x	0.1	90 Ø	Auto	2,580
MT2005	220 x	0.1	90 Ø	Auto	2,840
MT2006	320 x	0.1	90 Ø	Auto	3,380

Analytical

Classic MS Precision

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT2007	320 x	0.001	127 x 127	Auto	1,960
MT2007-E	320 x	0.001	127 x 127	Ext	1,710
MT2008	420 x	0.001	127 x 127	Auto	2,210
MT2009	620 x	0.001	127 x 127	Auto	2,520
MT2010	1020 x	0.001	127 x 127	Auto	3,230
MT2011	1620 x	0.01	170 x 200	Auto	1,770
MT2011-E	1620 x	0.01	170 x 200	Ext	1,600
MT2012	3200 x	0.01	170 x 200	Auto	1,960
MT2012-E	3200 x	0.01	170 x 200	Ext	1,750
MT2013	4200 x	0.01	170 x 200	Auto	2,280
MT2014	820/4200 x	0.01/0.1	170 x 200	Auto	1,990
MT2015	6200 x	0.01	170 x 200	Auto	2,770
MT2016	1220/6200 x	0.01/0.1	170 x 200	Auto	2,420
MT2017	6200 x	0.1	190 x 226	Auto	1,760
MT2018	8200 x	0.1	190 x 226	Auto	1,710
MT2018-E	8200 x	0.1	190 x 226	Ext	1,560
MT2019	12200 x	0.1	351 x 245	Auto	2,930
MT2020	16200 x	0.1	351 x 245	Auto	3,230
MT2020-E	16200 x	0.1	351 x 245	Ext	2,580
MT2021	32200 x	0.1	351 x 245	Auto	3,630
MT2021-E	32200 x	0.1	351 x 245	Ext	2,910
MT2022	32200 x	1	351 x 245	Auto	2,900
MT2022-E	32200 x	1	351 x 245	Ext	2,330

Milligram

Precision

Classic MS Heavy Duty

Model	Capacity (kg)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT2023-E**	15 x	2	351 x 245	Ext	1,300
MT2023-EM	6/15 x	2/5	351 x 245	Ext	1,360
MT2024-E*/**	15 x	2	351 x 245	Ext	1,620
MT2024-EM*	6/15 x	2/5	351 x 245	Ext	1,690
MT2025-E*/**	24 x	2	351 x 245	Ext	1,770
MT2025-EM*	15/22 x	5/10	351 x 245	Ext	1,850
MT2026-E**	30 x	2	351 x 245	Ext	1,480
MT2026-EM	15/30 x	5/10	351 x 245	Ext	1,550

Heavy Duty

Features
- RS232 output
- Backlit display
- Multiple weighing units 2 functions
- MonloBloc weighing technology
- IP65 Protection*
- Rechargeable battery built-in**

Accessories	Description	
RS-P25	Basic Printer	£386
RS-P28	Statistical Printer	£594
/M	Verified version	£POA

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METTLER TOLEDO CLASSIC SERIES ML

Classic ML Analytical

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT2101	52 x	0.0001	90 Ø	Int	1,860
MT2102	120 x	0.0001	90 Ø	Int	2,040
MT2103	220 x	0.0001	90 Ø	Int	2,220
MT2104	220 x	0.001	Ø120	Int	1,640
MT2105	320 x	0.001	Ø120	Int	1,740
MT2106	520 x	0.001	Ø120	Int	2,280
MT2107	820 x	0.01	170 x 190	Int	1,330
MT2108	1620 x	0.01	170 x 190	Int	1,580
MT2109	3200 x	0.01	170 x 190	Int	1,740
MT2110	4200 x	0.01	170 x 190	Int	2,020
MT2111	2200 x	0.1	170 x 190	Int	1,370
MT2112	4200 x	0.1	170 x 190	Int	1,460
MT2113	6001 x	0.1	170 x 190	Int	1,550

Analytical

Classic ML Precision

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT2114	220 x	0.001	Ø120	Ext	1,440
MT2115	320 x	0.001	Ø120	Ext	1,510
MT2116	820 x	0.01	Ø160	Ext	1,070
MT2117	1520 x	0.01	Ø160	Ext	1,270
MT2118	3200 x	0.01	170 x 190	Ext	1,510
MT2119	4200 x	0.01	170 x 190	Ext	1,760
MT2120	6200 x	0.1	Ø160	Ext	1,250

Milligram

Features
- MonoBloc weighing cell
- Bright LCD display
- RS232 data output

Accessories

RS-P25 Basic printer	£386
RS-P28 Statistical printer	£594
/M	£POA

Precision

METTLER TOLEDO CLASSIC LIGHT PLS SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
MT1704	81 x	0.001	Ø100	Ext	900
MT1705	210 x	0.01	Ø120	Ext	560
MT1706	610 x	0.01	Ø160	Ext	830
MT1713	810 x	0.01	Ø160	Ext	850
MT1714	1510 x	0.01	Ø160	Ext	1,080
MT1707	610 x	0.1	Ø160	Ext	440
MT1708	1510 x	0.1	Ø160	Ext	540
MT1709	3100 x	0.1	Ø160	Ext	710
MT1710	6100 x	0.1	Ø160	Ext	830
MT1712	8100 x	0.1	Ø160	Ext	850
MT1711	6100 x	1	Ø160	Ext	450

PL - Milligram

Features
- MonoBloc weighing cell
- Bright LCD display
- RS232 data output

Accessories

/03 RS232 Interface	£50
RS-P25 Basic printer	£386
RS-P28 Statistical printer	£594
/M	£POA

PL-S Precision

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OHAUS EXPLORER SERIES

Model	Capacity (g)	Readability (g)	Pan Size mm	Cal Type	Price
OH3801	120 x	0.0001	Ø90	Auto	£2,195
OH3802	220 x	0.0001	Ø90	Auto	£2,500
OH3803	320 x	0.0001	Ø90	Auto	£2,890
OH3804	220 x	0.001	Ø130	Auto	£1,845
OH3805	420 x	0.001	Ø130	Auto	£2,045
OH3806	620 x	0.001	Ø130	Auto	£2,320
OH3807	1100 x	0.001	Ø130	Auto	£2,995
OH3808	2200 x	0.01	190 x 200	Auto	£1,805
OH3809	4200 x	0.01	190 x 200	Auto	£2,055
OH3810	6200 x	0.01	190 x 200	Auto	£2,355
OH3811	10200 x	0.01	190 x 200	Auto	£2,765
OH3812	6200 x	0.1	190 x 200	Auto	£1,560
OH3813	10200 x	0.1	190 x 200	Auto	£1,920

0.1mg & 1mg

- Color VGA display with icons for simple menu navigation
- High resolution, 5.7 in (145 mm) color TFT display
- Resistive touch screen display quickly responds to operator's touch or stylus

0.01 & 0.1g

- Touchless sensors for hands-free operation of print, calibration, tare, and other selectable functions.
- Hands-free operation
  - Improves weighing efficiency
  - Eliminates sample residue transfer
  - Minimizes contamination
- Two sensors on the base and two on the display can be set up individually to allow for remote operations

- Frameless, flip-top design provides unobstructed access to the weighing chamber
- The expansive side entry 160mm x 240mm allows you to freely place and remove large weigh boats or other large vessels in the weighing chamber
- Antistatic coated glass helps dissipate static charges in the weighing chamber that could adversely affect the weighing results
- Side doors seamlessly glide on top-mounted bearings, helping to prevent any potential bind up when balance is left uncleaned
- Easy to install and remove glass panels and a stainless steel bottom make Explorer extremely easy to clean

Accessories	Description	Price
SRP275-21253677	Impact Printer including cable	£348
80253384	Density Determination Kit	£331
83021081	Second RS232 interface for explorer	£31
83021082	Ethernet interface for Explorer	£8
83021085	USB interface for Explorer	£8
M	Verified Models available except those marked *	£145

Request a demonstration of the new Explorer from Ohaus and receive a voucher for free UKAS installation *

* Post code restrictions apply (call for details). Only applies to balances purchased from European Instruments. Cannot be used in conjunction with any other offer

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OHAUS ADVENTURER™ PRO Precision

Capacity (g)	Readability (g)	Pan Size mm	EXTERNAL CALIBRATION Model	Price £	INTERNAL CALIBRATION Model	Price
110	x 0.0001	90 Ø	OH1601	1,525	OH1601/C*	1,740
260	x 0.0001	90 Ø	OH1602	1,630	OH1602/C*	1,845
210	x 0.001	120 Ø	OH1603	876	OH1603/C	1,030
310	x 0.001	120 Ø	OH1604	910	OH1604/C	1,125
410	x 0.001	120 Ø	OH1605	940	OH1605/C*	1,155
410	x 0.01	149 x 162	OH1607**	615	OH1607/C*	830
810	x 0.01	149 x 162	OH1608**	675	OH1608/C*	890
2100	x 0.01	168 x 180	OH1609	825	OH1609/C	1,040
3100	x 0.01	168 x 180	OH1610	885	OH1610/C	1,100
4100	x 0.01	168 x 180	OH1611	940	OH1611/C*	1,155
2100	x 0.1	149 x 162	OH1612	495	OH1612/C*	710
4100	x 0.1	149 x 162	OH1613**	615	OH1613/C*	830
8100	x 0.1	149 x 162	OH1614**	670	OH1614/C*	885

** Battery or mains operation (4 x AA batteries required). All 1mg and 0.1mg models supplied with square glass draught shield

Features	Accessories	Description
• RS232 data output	SRP275	Impact Printer (without cable) £288
• Multiple weighing units	21253677	Printer Interface cable £60
• Backlit LCD display	80253384	Density determination kit 0.1 & 1mg models £331
	/M	Verified version £145 (internal calbration models)

OHAUS PIONEER

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
OH2710	65	x 0.0001	90Ø	Ext	780
OH2711	110	x 0.0001	90Ø	Ext	835
OH2712	210	x 0.0001	90Ø	Ext	1000
OH2713	210	x 0.001	120Ø	Ext	555
OH2714	410	x 0.001	120Ø	Ext	605
OH2715	510	x 0.01	180Ø	Ext	530
OH2716	2100	x 0.01	180Ø	Ext	590
OH2717	4100	x 0.01	180Ø	Ext	645
OH2718	4100	x 0.1	180Ø	Ext	530

Features	Accessories	Description
• RS232 data output	SRP275	Impact Printer (without cable) £288
• 19 weighing units	21253677	Printer Interface cable £60
• Parts counting & percentage weighing	80253384	Density determination kit 0.1 & 1mg models £331
	/C	Internal Calibration £155
•LCD display	/CM	Verified version £285

SRP-275 Printer

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OHAUS DISCOVERY SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
OH2504	210/80	x 0.0001/0.00001	90 Ø	Int	3,120
OH2503	310	x 0.0001	90 Ø	Int	2,825
OH2502	210	x 0.0001	90 Ø	Int	2,430
OH2501	110	x 0.0001	90 Ø	Int	2,225

Features
- Backlit LCD display
- Internal calibration
- RS232 Interface
- Multiple weighing functions & units
- Pipette calibration
- GLP compliant

Accessories	Description	
SRP275	Impact printer (without cable)	£288
21253677	Printer cable	£60
80253384	Density determination kit	£386
/M	Verified version	£145

OHAUS SCOUT PRO

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
OH1701	120	x 0.001	90 Ø	Ext	381
OH1702	200	x 0.01	120 Ø	Ext	248
OH1703	400	x 0.01	120 Ø	Ext	289
OH1709	600	x 0.01	120 Ø	Ext	314
OH1704	400	x 0.1	120 Ø	Ext	159
OH1705	600	x 0.1	165 x 142	Ext	174
OH1706	2000	x 0.1	165 x 142	Ext	246
OH1707	4000	x 0.1	165 x 142	Ext	322
OH1710	6000	x 0.1	165 x 142	Ext	347
OH1708	6000	x 1	165 x 142	Ext	181

Features
- Mains or battery operation
- Multiple weighing units (7)
- Parts counting
- Percentage weighing

Accessories	Description	
80850000	Anti-theft Device	£34
80850028	Hard shell carrying case	£50
83032107	RS232 interface (cable inc)	£33
83032108	USB interface (cable inc)	£40

OHAUS CS Series

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
OH1801	200	x 0.1	146 x 133	Ext	60
OH1802	2000	x 1	146 x 133	Ext	60
OH1803	5000	x 2	146 x 133	Ext	65

Features
- Battery or mains
- Overload and underload indicators
- Auto shut off
- Tare range to capacity by subtraction
- Stainless steel pan

Accessories	Description	
80850075	1050ml container	£7

PRECISA EP Series

NEW

SWISS MADE

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
PC0101	125 x	0.00001	80 Ø	Auto	6,424
PC0102	102/225 x	0.00001/0.0001	80 Ø	Auto	5,754
PC0103	120 x	0.0001	90 Ø	Auto	4,080
PC0104	220 x	0.0001	90 Ø	Auto	4,415
PC0105	320 x	0.0001	90 Ø	Auto	4,750
PC0106	420 x	0.0001	90 Ø	Auto	5,219
PC0107	520 x	0.0001	90 Ø	Auto	5,754
PC0108	120-420 x	0.0001-0.001	90 Ø	Auto	4,750

Features
- Sensor controlled automatic draught shield
- Fully automatic internal calibration
- RS232 output
- USB Device
- LCD backlit display (not 0.01mg models)
- Multiple weighing units and application programs
- Alpha numeric input
- IQ/OQ/PG compliant

Accessory
- DP1014/APL0103 Printer £320

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
PC0109	320 x	0.001	135 x 135	Auto	3,076
PC0110	620 x	0.001	135 x 135	Auto	3,411
PC0111	920 x	0.001	135 x 135	Auto	3,746
PC0112	1220 x	0.001	135 x 135	Auto	4,080
PC0113	2220 x	0.001	135 x 135	Auto	4,750
PC0114	120-620 x	0.001-0.01	135 x 135	Auto	3,076
PC0115	240-1220 x	0.001-0.01	135 x 135	Auto	3,746
PC0116	1200 x	0.01	200 x 200	Auto	2,340
PC0117	2200 x	0.01	200 x 200	Auto	2,674
PC0118	4200 x	0.01	200 x 200	Auto	2,875
PC0119	6200 x	0.01	200 x 200	Auto	3,344
PC0120	8200 x	0.01	200 x 200	Auto	3,746
PC0121	2200-6200 x	0.01-0.1	200 x 200	Auto	3,009
PC0122	3200/8200 x	0.01/0.1	200 x 200	Auto	3,143
PC0123	6200 x	0.1	200 x 200	Auto	2,473
PC0124	8200 x	0.1	200 x 200	Auto	2,674
PC0125	12200 x	0.1	200 x 200	Auto	3,009
PC0126	12200 x	1	200 x 200	Auto	2,340

Features
- Fully automatic internal calibration
- LCD backlit display
- RS232 output
- Below balance weighing
- IQ/OQ/PG compliant
- Multiple weighing units and application programs
- USB Device
- Alpha numeric input

Accessory
- DP1014/APL0103 Printer £320

FR = Floating range DR = Dual range

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A&D BALANCES

A&D GF-K/ GX-K SERIES

GF-K with external calibration

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD1801	8100	0.01	270 x 210	Ext	1,516
AD1802	8100/2100	0.1/0.01	270 x 210	Ext	1,315
AD1803	12000	0.1	270 x 210	Ext	1,425
AD1804	21000	0.1	270 x 210	Ext	1,535

IP65

GX-K with automatic calibration

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD1901	8100	0.01	270 x 210	Auto	1,865
AD1902	21000	0.1	270 x 210	Auto	1,700
AD1903	31000	0.1	270 x 210	Auto	2,085

Features
- Water and dust proof IP-65
- RS232 data output
- GLP/GMP Compliant
- Multiple weighing units

Accessories as GP Series

A&D GP Series

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD1701	12000	0.1	384 x 344	Auto	1,645
AD1702	21000	0.1	384 x 344	Auto	1,821
AD1703	31000/6100	1/0.1	384 x 344	Auto	1,645
AD1704	31000	0.1	384 x 344	Auto	2,415
AD1709	61000	0.1	384 x 344	Auto	3,250
AD1705	61000	1	384 x 344	Auto	2,415
AD1706	101,000	1	386 x 346	Auto	2,910
AD1707	101,000/61,000	10/1	386 x 346	Auto	2,580

IP65

Features
- Adjustable swing arm display
- Robust die cast aluminum body and stainless steel weighing pan
- Protected against moisture and dust to IP-65
- Counting function
- RS-232C interface

Accessories	Description	
MCP8810	Basic printer	£325
MCP8810-S	Statistical printer	£490
AD-1682	Rechargeable battery unit (external)	£484

A&D FXi-WP SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD2401	122	0.001	130 Ø	Ext	765
AD2402	320	0.001	130 Ø	Ext	842
AD2403	1220	0.01	150 Ø	Ext	765
AD2404	3200	0.01	150 Ø	Ext	842

IP65

Features
- VFD display
- RS232 interface
- Multiple weighing units

Accessories	Description	
FXi-02	USB interface cable (not IP-65)	£83
FXi-09	Built-in rechargeable battery (not IP-65)	£303

NOTE: 1mg models supplied with circular draught shield

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FREE PC LINK SOFTWARE!

A&D GX/GF Series

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD1401	210 x	0.001	128 x 128	Auto	1,051
AD1402	410 x	0.001	128 x 128	Auto	1,161
AD1403	610 x	0.001	128 x 128	Auto	1,238
AD1409	1100 x	0.001	128 x 128	Auto	1,513
AD1404	2100 x	0.01	128 x 128	Auto	1,051
AD1405	4100 x	0.01	165 x 165	Auto	1,161
AD1406	6100 x	0.01	165 x 165	Auto	1,282
AD1407	6100 x	0.1	165 x 165	Auto	1,106
AD1408	8100 x	0.1	165 x 165	Auto	1,216
AD1309	6100 x	0.01	165 x 165	Ext	1,007
AD1306	6100 x	0.1	165 x 165	Ext	831

CE verification £80 (excluding AD1409)

0.01g - 0.1g readability

Features

- Super Hybrid Sensor (SHS)
- Fast stabilization
- Fully automatic and manual calibration
- Automatic environmental adjustment
- GLP compliance
- Multiple weighing units
- Standard RS-232C interface
- Easy to read VFD display
- Underhook weighing
- Data memory function
- Time and date function
- Quick reference card

WinCT your pc link

0.001g readability

Accessories for GX/GF	Description	
GF-OP-10	Glass draught shield (1mg readability)	£303
GF-OP-11	Glass draught shield (0.01g & 0.1g readability)	£303
GX-OP-12	Animal weighing pan	£143
MCP8810-S	Statistical printer	£490
MCP8810	Basic printer	£325
AD-1682	Rechargeable portable power supply unit	£484

A&D FXi Series

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD2201	122 x	0.001	130 Ø	Ext	510
AD2202	320 x	0.001	130 Ø	Ext	575
AD2203	1220 x	0.01	150 Ø	Ext	510
AD2204	3200 x	0.01	150 Ø	Ext	590

0.001g readability

0.01g readability

Features

- Standard RS232
- Free software to connect to PC
- Perspex draft shield on 1mg models

WinCT your pc link

Accessories	Description	
FXi-OP-02	USB direct data output	£83
FXi-OP-09	NiMH rechargeable internal battery (workshop fit)	£303
FXi-OP-11	Large glass breeze break (10mg models)	£105
FXi-OP-10	Large glass breeze break (1mg models)	£105

A&D GR SERIES

Model	Capacity (g)	Readability (g)	Pan Size (mm)	CAL Type	Price £
AD1201	120 x	0.0001	85 Ø	Auto	1,445
AD1202	210 x	0.0001	85 Ø	Auto	1,538
AD1203	310 x	0.0001	85 Ø	Auto	2,193
AD1204	210 / 42 x	0.0001/0.00001	85 Ø	Auto	2,193

0.1mg readability

Features

- Automatic environment adjustment setting
- Unique door opening system
- Automatic memory mode
- Fully automatic self calibration
- Multiple weighing units
- ACAI counting function
- GLP compliance
- Splashproof keyboard and display
- Large wide angle LCD display
- Underhook weighing
- Standard RS-232C interface
- Available CE verified

WinCT your pc link

Accessories	Description	
MCP8810	Basic printer	£325
MCP8810-S	Statistical printer	£490
AD-1653	Density determination kit	£512
CE	CE Verification	£120

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SARTORIUS

Capacity 150g · Resolution 0.01% (0.001g) · Temperature 40°C - 230°C.
The SA1905 is a rugged, compact, affordable and highly accurate moisture analyser that is ideal for quality control and production.
The infrared ceramic radiation system makes it suitable for applications where glass is not suitable. Supplied with RS232 output it complies with GLP/GMP with the optional YDP10-OCE printer. Varified models available.

SA1905C Price : £2,922

Other Models Available:

Model	Capacity	Resolution	Price
SA1904C	100g	0.001%	£6,162
SA1904H	100g	0.001%	£6,162
SA1903	35g	0.01%	£1,583
YDP10 - OCE	Data printer		£430

PRECISA

Capacity 124g · Resolution 0.001% (0.0001g) · Temperature 30°C - 230°C
The PC0201 is a premium class product developed for the most demanding applications where fast simple throughput is required.
Choice of radiation heat source from halogen, infrared or dark radiator makes the unit suitable for a wide range of applications.
Features include a memory capacity for 50 products, LCD backlit graphic display, RS323 interface. User friendly with pictogramme user guidance and real time observation.

PC0201 Price : £3,746

Other Models Available:

Model	Capacity	Resolution	Price
PC0202	124g	0.001%	£2,942
PC0203	124g	0.01%	£2,607
PC0204	310g	0.01%	£2,741
PC0205	52g	0.01%	£2,072

OHAUS

Capacity 45g · Resolution 0.01% (0.001g) · Temperature 50°C - 200°C
The OH2601 is a fully featured compact moisture analyser features with a fast halogen element, the unique gold reflective housing serves to create more uniform heat, providing heating from 50°C to 200°C and can achieve 180ºC in less than 1 minute.
Powerful software for ease of operation, program storage and user customisation for fifty procedures, timer from 1 - 120 minutes. RS 232 data output as standard.

OH2601 Price : £2,345

Other Models Available:

Model	Capacity	Resolution	Price
OH2602	35g	0.01%	£1,640
OH2603	110g	0.05%	£1,115
OH2604	110g	0.1%	£840
SRP275	Printer (excl. cable)		£288
21253677	Printer cable		£60

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MOISTURE ANALYSERS

A&D

Model	Capacity (g)	Readability (g)	Resolution %	Programs	Memory	Price £
AD2002	50 x	0.005	0.1	5	30	1,370
AD2004	50 x	0.002	0.05	10	50	1,865
AD2001	50 x	0.001	0.01	20	100	2,140
AD2003	70 x	0.0001	0.001	20	100	2,965

MCP8810-S Statistical printer £490

Range of moisture analysers for all applications and budgets.
Halogen heating sytem, large VFD display, program and memory store, supplied with WinCT communication software

INCLUDES PC MOISTURE DETERMINATION SOFTWARE

METTLER TOLEDO

MT1801

Capacity - 81g Resolution - 0.01% (0.001g) Temperature - 40˚C – 100˚C
The MT1801 allows up to 5 auto modes to be selected from a range of 40 methods and automatic sample loading makes the unit simple to use.
The display gives information about the current operating status and the halogen radiation system heats up quickly allowing temperatures to be set from 40˚C - 200˚C in 1˚C increments from 1 to 480 minutes.
RS232 data output allows communication with a computer and the optional integral printer

Price: MT1801 £5,320
MT1801P £5,660 with built-in printer

H83/H63

Model	Capacity (g)	Readability (%)	Description	£
MT1802	61 x	0.01	Halogen heating	4,140
MT1802P	61 x	0.01	Built-in printer HAP-43	4,450
MT1803	54 x	0.01	Halogen heating	2,790
MT1804	35 x	0.01	Infrared heating	1,690
RS-P42			Printer for HB435 & MJ33	484

verified version on request

MOISTURE ANALYSER PANS

Make	Model	Description	Price £	Suitable for
Oxford	EI714	Universal qty 80	29	Sartorius MA ranges, Metler HR, HG, HB, HJ, ML Oxford BM303, Denver IR30, IR35, IR60, R120
Oxford	AX31	qty 100	94	FM503 (re-usable)/ A&D ranges

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NEED HELP SELECTING WHAT TYPE OF WEIGHT YOU NEED
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Class	F2				F1				E2				E1			
	Weight		Certificate		Weight		Certificate		Weight		Certificate		Weight		Certificate	
Denomination	Cat No.	Price	Cat No.	Price	Cat No.	Price	Cat No.	Price	Cat No.	Price	Cat No.	Price	Cat No.	Price	Cat No.	Price
20kg	7508-F2P	£965	NAF2-1	£30	7508-F1P	£988	NAF1-1	£54	7508-E2P	£1157	NAE2-111	£98	7508-E1P	£1598	NAE1-111	£452
10kg	7509-F2P	£644	NAF2-E	£30	7509-F1P	£697	NAF1-E	£30	7509-E2P	£859	NAE2-11	£89	7509-E1P	£1225	NAE1-111	£452
5kg	7510-F2P	£386	NAF2-E	£30	7510-F1P	£418	NAF1-E	£30	7510-E2P	£636	NAE2-11	£89	7510-E1P	£895	NAE1-111	£452
2kg	7512-F2P	£225	NAF2-E	£30	7512-F1P	£247	NAF1-E	£30	7512-E2P	£370	NAE2-11	£89	7512-E1P	£508	NAE1-111	£452
1kg	7513-F2P	£148	NAF2-E	£30	7513-F1P	£153	NAF1-E	£30	7513-E2P	£278	NAE2-1	£60	7513-E1P	£347	NAE1-111	£162
500g	7514-F2P	£114	NAF2-E	£30	7514-F1P	£122	NAF1-E	£30	7514-E2P	£183	NAE2-1	£35	7514-E1P	£236	NAE1-111	£162
200g	7516-F2P	£64	NAF2-E	£30	7516-F1P	£67	NAF1-E	£30	7516-E2P	£119	NAE2-E	£35	7516-E1P	£150	NAE1-11	£162
100g	7517-F2P	£49	NAF2-E	£30	7517-F1P	£54	NAF1-E	£30	7517-E2P	£97	NAE2-E	£35	7517-E1P	£133	NAE1-11	£162
50g	7518-F2P	£42	NAF2-E	£30	7518-F1P	£44	NAF1-E	£30	7518-E2P	£76	NAE2-E	£35	7518-E1P	£112	NAE1-1	£162
20g	7520-F2P	£37	NAF2-E	£30	7520-F1P	£40	NAF1-E	£30	7520-E2P	£66	NAE2-E	£35	7520-E1P	£93	NAE1-1	£162
10g	7521-F2P	£36	NAF2-E	£30	7521-F1P	£38	NAF1-E	£30	7521-E2P	£64	NAE2-E	£35	7521-E1P	£82	NAE1-1	£162
5g	7522-F2P	£32	NAF2-E	£30	7522-F1P	£34	NAF1-E	£30	7522-E2P	£61	NAE2-E	£35	7522-E1P	£75	NAE1-1	£162
2g	7524-F2P	£29	NAF2-E	£30	7524-F1P	£31	NAF1-E	£30	7524-E2P	£59	NAE2-E	£35	7524-E1P	£70	NAE1-1	£162
1g	7525-F2P	£27	NAF2-E	£30	7525-F1P	£30	NAF1-E	£30	7525-E2P	£55	NAE2-E	£35	7525-E1P	£66	NAE1-1	£162
500mg	7526-F2P	£15	NAF2-E	£30	7526-F1P	£19	NAF1-E	£30	7526-E2P	£28	NAE2-E	£35	7526-E1P	£43	NAE1	£146
200mg	7528-F2P	£15	NAF2-E	£30	7528-F1P	£19	NAF1-E	£30	7528-E2P	£28	NAE2-E	£35	7528-E1P	£43	NAE1	£146
100mg	7529-F2P	£15	NAF2-E	£30	7529-F1P	£19	NAF1-E	£30	7529-E2P	£28	NAE2-E	£35	7529-E1P	£43	NAE1	£146
50mg	7530-F2P	£15	NAF2-E	£30	7530-F1P	£19	NAF1-E	£30	7530-E2P	£28	NAE2-E	£35	7530-E1P	£43	NAE1	£146
20mg	7532-F2P	£15	NAF2-E	£30	7532-F1P	£19	NAF1-E	£30	7532-E2P	£28	NAE2-E	£35	7532-E1P	£43	NAE1	£146
10mg	7533-F2P	£15	NAF2-E	£30	7533-F1P	£19	NAF1-E	£30	7533-E2P	£28	NAE2-E	£35	7533-E1P	£43	NAE1	£146
5mg	7534-F2P	£15	NAF2-E	£30	7534-F1P	£19	NAF1-E	£30	7534-E2P	£28	NAE2-E	£35	7534-E1P	£43	NAE1	£146
2mg	7536-F2P	£15	NAF2-E	£30	7536-F1P	£19	NAF1-E	£30	7536-E2P	£28	NAE2-E	£35	7536-E1P	£43	NAE1	£146
1mg	7537-F2P	£15	NAF2-E	£30	7537-F1P	£19	NAF1-E	£30	7537-E2P	£28	NAE2-E	£35	7537-E1P	£43	NAE1	£146
1mg-500mg	7440-F2P	£122	NAF2-2-E	£180	7440-F1P	£156	NAF1-2-E	£180	7440-E2P	£269	NAE2-2-E	£345	7440-E1P	£585	NAE1-2E	CALL
1mg-100g	7428-F2	£424	NAF2-3-E	£315	7428-F1	£482	NAF1-3-E	£315	7428-E2	£833	NAE2-3-E	£600	7428-E1	£1543	NAE1-3E	CALL
1mg-100g	7428-F2P	£389	NAF2-3-E	£315	7428-F1P	£446	NAF1-3-E	£315	7428-E2P	£798	NAE2-3-E	£600	7428-E1P		NAE1-3E	CALL
1mg-200g*	7423-F2P	£453	NAF2-8E	£330	7423-F1P	£564	NAF1-8E	£330	7423-E2P	£968	NAE2-8E	£628	7423-E1P		NAE1-8E	CALL
1mg-500g	7419-F2P	£631	NAF2-9E	£360	7419-F1P	£702	NAF1-9E	£360	7419-E2P	£1219	NAE2-9E	£687	7419-E1P		NAE1-9E	CALL
1g-1kg	7416-F2	£723	NAF2-4-E	£195	7416-F1	£765	NAF1-4-E	£195	7416-E2	£1257	NAE2-4E	£564	7416-E1	£2055	NAE1-4E	CALL
1g-2kg	7414-F2	£1013	NAF2-5-E	£210	7414-F1	£1159	NAF1-5-E	£210	7414-E2	£1880	NAE2-5E	£672	7414-E1	£3201	NAE1-5E	CALL
1g-5kg	7410-F2	£1283	NAF2-6-E	£240	7410-F1	£1389	NAF1-6-E	£240	7410-E2	£2453	NAE2-6E	£752	7410-E1	£4252	NAE1-6E	CALL
1g-10kg	7408-F2	£1966	NAF2-7-E	£255	7408-F1	£2132	NAF1-7-E	£255	7408-E2	£3201	NAE2-7E	£842	7408-E1	£5654	NAE1-7E	CALL

*contains one 200g weight. Additional 200g weight can be added at extra cost

OTHER WEIGHT SETS AND SPECIAL WEIGHTS CAN BE SUPPLIED TO ORDER

1) Catalogue numbers ending with a 'P' are supplied in plastic boxes (except 10 & 20kg which are Aluminium) all other offers are supplied in wooden boxes.
   All weights are available in wooden boxes to order. Individual weights are supplied with glove or tweezers.
2) Fractional weight sets will fit into the larger weight set boxes when required.
3) Weights below 10 mg are aluminium.

CAL PAK CASES

Cal Pak cases have three slots which accept three weights. In the case of fractional weights one weight slot will accept a case which accommodates up to seven weights from 1mg-500mg. Each case is supplied with tweezers.glove,dusting brush and flash drive to store UKAS calibration certificate data.Weights up to 2kg and below are in individual cases. Prices quoted do not include weights or certificates which can be selected from page 29 of the catalogue

Small Cal Pak case with three slots which will accept three weights up to 200g and below ,or two weights plus up to seven fractional weights. Supplied with tweezers,glove,dusting brush and flash drive.
Case dimensions 20.3 x 15.25 x 9.5cm
Price quoted is without weights which should be selected from p.25

Catalogue No: WSCC-1000 Price £68.00

Medium Cal Pak case with three slots which will accept one 500g ,1kg or 2kg and two weights 200g and below, one of the latter can be replaced by up to seven fractional weights. Supplied with tweezers,glove,dusting brush and flash drive.

Case dimensions 28 x 19 x 13.3cm.
Price quoted is without weights which should be selected from p.29

Catalogue No: WSCC-2000 Price: £137.00

Large Cal Pak case with three slots which will accept one 5kg weight and two weights 2kg and below. The 5kg weight is not in a individual case. Supplied with tweezers,glove,dusting brush and flash drive
Case dimensions: 35.6 x 19.7 x 16.5cm
Price quoted is without weights which should be selected from page 29

Catalogue No: WSCC-3000 Price:£199.00

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OIML CLASS F1 STAINLESS STEEL WEIGHTS.

Denomination	Part No.	Price	Denomination	Part No.	Price
1g	7035-F1P	£28	200g	7042-F1P	£64
2g	7036-F1P	£29	500g	7043-F1P	£106
5g	7037-F1P	£31	1kg	7044-F1P	£145
10g	7038-F1P	£34	2kg	7045-F1P	£215
20g	7039-F1P	£37	5kg	7046-F1P	£327
50g	7040-F1P	£40	10kg	7147-F1P	£593
100g	7041-F1P	£49			

supplied in plastic cases **UKAS CALIBRATION CERTIFICATE NAFI-E £30.00**

OIML CLASS M1 STAINLESS STEEL WEIGHTS.

Denomination	Part No.	Price	Denomination	Part No.	Price
1g	7141-M1P	£6	200g	7148-H1P	£19
2g	7142-M1P	£7	500g	7149-H1P	£33
5g	7143-M1P	£8	1kg	7150-H1P	£50
10g	7144-M1P	£10	2kg	7151-H1P	£79
20g	7145-M1P	£12	5kg	7152-H1P	£178
50g	7146-M1P	£14	10kg	7153-H1P	£267
100g	7147-M1P	£16	20kg	8068-H1P	£480

supplied in plastic cases **UKAS CALIBRATION CERTIFICATE NAMI-E £27.00**

OIML BRASS CLASS M2 WEIGHTS

Denomination*	Part No.	Price	Weight Set**	Part No.	Price
1g	61013	£5	500g x 1g	312	£55
2g	61023	£5	50g x 10mg	341	£35
5g	61053	£6			
10g	61014	£6			
20g	61024	£7			
50g	61054	£8			
500g	61055	£28			
2kg	61026	£69			

* Lacquered brass individual weights supplied without boxes
** Lacquered brass weight sets supplied in polypropylene boxes

CYLINDRICAL WEIGHTS STAINLESS STEEL

OIML CLASS F1

Denomination	Part No.	Price
40g	8153	£44
50g	8152	£44
100g	8144	£49
200g	8138	£60
400g	8134	£79
500g	8132	£81
1kg	8128	£99
2kg	8124	£124

Stainless steel weights supplied in plastic case, except 10kg and 20kg which are supplied in a aluminium case

Note: these weights can be supplied with UKAS certificates Prices page 24

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UKAS WEIGHT RE-CALIBRATION

CALCULATING THE COST OF CALIBRATION

Simply count up the total number of weights you will be sending and use the price matrix below.
For example if you have a weight set with 10 F1 and 4 individual F1 weights, the total number being sent will be 14 and the total cost will be £490.

Where you are sending weights of a different class back, combine the total number being sent and use the appropriate pricing structure. For example if you are sending 2 E2 and 5 F1 weights the total number is 7, therefore the cost per weight for E2 would be £46 each and for F1 the cost per weight would be £39. Giving a total cost of £287.

No. Weights	E2 (cost per weight)	F1/F2 (cost per weight)	M1 & Below (cost per weight)
1-3	£70	£48	£35
4 - 8	£46	£39	£30
9 - 15	£40	£35	£25
16 - 21	£35	£27	£21
22+	£33	£23	£17

All prices exclude VAT & Carriage

The above pricing structure relates to weights within the following range

E2: 1mg to 1kg
F1: 1mg to 10kg
F2: 1mg to 25kg
M1 and below: 1mg to 20kg

We can calibrate weights outside these ranges - please call for a quote.

HOW CAN I TELL THE DIFFERENCE BETWEEN OIML E1/ E2, F1/F2 AND M1 WEIGHTS?

The following is for guidance only as not all manufacturers follow the same rules. If you are unsure as to the class of weights you have please call us on 01865 750 375 and have your previous calibration certificate to hand if you have one.

E1 and E2 : Constructed of stainless steel, and will have no markings on the weight.
F1 & F2 : Constructed of stainless steel and will have the denomination of the weight marked on them
M1 : Typically constructed of stainless steel, brass or plated brass, may have M marked on them plus the denomination. They may also be manufactured from Iron.

UKAS WEIGHT CALIBRATION

We calibrate mass up to OIML class E2 under our UKAS accreditation 0438. This meets the requirements of ISO 17025 and BS EN ISO 9001

UKAS CALIBRATION
No. 0438

STANDARD CALIBRATION SERVICE

This is a one off calibration arrangement where you return your weights to us by arrrangement and we will provide a UKAS calibration certificate at a fixed price and return them within the agreed period.

CALIBRATION CONTRACT

Contracts enable us to plan our workload and be more efficient and cost effective which will benefit our customers. For details please contact us.

REPLACEMENT WEIGHT CASES

Suitable for OIML class E1, E2, F1 and F2 of the type supplied by us or manufactured by TROEMNER.

Polycarbonate individual cases.
mg cases are same style
Case prices do not include weights.

Part No.	Description	£
SWCO-0001	1g OIML weight case	19.00
SWCO-0002	2g OIML weight case	19.00
SWCO-0005	5g OIML weight case	19.00
SWCO-0010	10g OIML weight case	19.00
SWCO-0020	20g OIML weight case	19.00
SWCO-0050	50G OIML weight case	19.00
SWCO-0100	100g OIML weight case	28.00
SWCO-0200	200g OIML weight case	28.00
SWCO-0500	500g OIML weight case	28.00
SWCO-1000	1kg OIML weight case	28.00
SWCO-2000	2kg OIML weight case	28.00
SWCO-0000	mg case holds up to 7 weights	19.00
WSCO-0005	mg full set case 1mg-500mg	56.00
WSCO-5001	1mg-500g set case	68.00

WSCO-5001
Polycarbonate case holds weights from 1mg to 500g. 1-2-2-5 sequence supplied with brush and tweezers.

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Filtering fume hoods captair flex

an erlab product

Non ducted fume hood

Filtration technology covering a wide majority of powders and chemicals handlings

An embedded permanent monitoring to control the filtration quality

A high level of containment

A mobile and flexible protection system

Your safety guaranted : AFNOR NF X 15-211: 2009 standard - A free analysis of your handlings by our laboratory

Units dimensions : from 80 cm to 180 cm

The innovative alternative...

Captair® Flex®, the alternative to ducted fume hoods, offers a high protection level while offering a flexible, cost effective and environmentally friendly solution.

User and environment protection

Users protection certified for each unit. The filtration technology eliminates pollutant emission into the atmosphere.

Energy savings

Works without any cooling or heated air and ducted system.

No installation cost

Captair® Flex® ductless system fits in laboratories without planification needs.

Immediately ready to use

Simple to use and easy to relocate, without affecting the air balance of the lab.

For more information visit www.LabPro.co.uk

European Instruments have introduced a new Laboratory Equipment Division
We have over 37 years experience delivering technical solutions to the laboratory, and our principle aim is to specify the correct solution for your application.

LabPro represents some of the world's leading manufacturers of laboratory equipment solutions:

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EUROCAL CALIBRATION SERVICES

PIPETTE SERVICE AND CALIBRATION

Provided at your premises or in our environmentally controlled laboratory, we can provide a pipette calibration service to meet your requirements, or we can provide a bespoke service on request.

We are UKAS Accredited for the Calibration of pipettes

FullCal
This service includes cleaning, servicing, a full range performance check, and a Certificate of Calibration. The costs of any spare parts are charged separately.

UKASCal
European Instruments have been accredited by UKAS to issue calibration certificates on Pipettes. This service is available at our Oxford Laboratory, alternatively at on-site clinics.

QuikCal
Designed for those who may not require extensive measurements and calibration, this includes a simple performance check and a certificate.

RepCal
For pipettes that are no longer performing within the manufacturers tolerances or are damaged. The service includes dismantling, cleaning, servicing, a full range performance check, with a Certificate of Calibration. All spare parts are detailed and charged separately.

WEIGHING EQUIPMENT SERVICE AND CALIBRATION

European Instruments with its experience and knowledge in weighing technology, is able to maintain, repair and service all types of balances. This comprehensive knowledge of such a wide range of balances guarantees that our customers can rely on a high standard of quality and expertise from one supplier.

We are UKAS accredited for the calibration of weighing equipment up to 1200kg. Laboratory number 0438

Service Benefits
With the convenience of a single point of contact we provide a cost effective, quality service and unrivalled expertise covering all your equipment service and calibration needs.

Nationwide Cover
Our service engineers are based in well-chosen locations throughout the United Kingdom mainland.
Through a central control point at our Oxford head office we respond to our contract customers needs promptly and within specified response times.

Recognised Quality Standards
Quality Assurance has always received the highest priority at European Instruments and the company is registered to BS EN ISO 9001 : 2008.

Choice of Agreement
European Instruments will provide a tailor-made service and calibration agreement to meet your specific needs or you can choose one of our Service Plans.

DUCTLESS FUME ENCLOSURE SERVICE AND CERTIFICATION

Ductless Fume Enclosure - Maintenance
European Instruments have certified engineers approved and fully trained by Asura® maintenance. Asura® maintenance is a department of Erlab® group, world-wide specialist in ductless filtration for more than 35 years.
Erlab® group benefits of an unrivalled know how based on the distribution and follow up of more than 70,000 cabinets in the world

Repair, Maintenance & Installation Service
In accordance with strict quality procedures (BS EN ISO 9001 :2008) we can offer a maintenance, repair and installation service for most makes of cabinets.

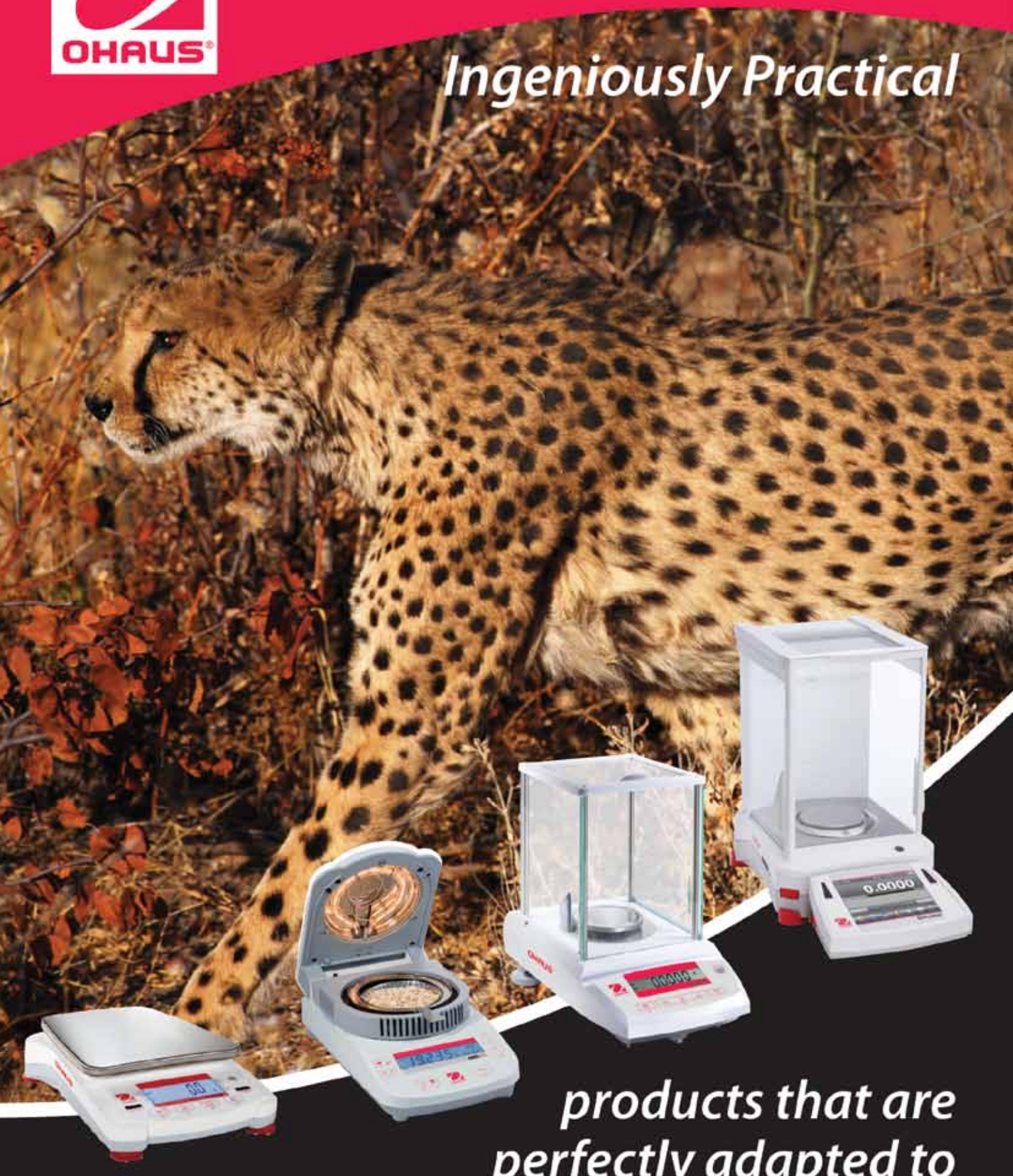
Validation
Production of validation paperwork in accordance with COSHH regulation 9.
This ensures the correct use of filters with the type of chemicals you are using.

Free Filter Validation Service

Quality Replacement Filters
We supply and fit only the highest quality Asura® which comply with the relevant international standards : AFNOR NFX 15 211, CAN CSA Z316,5-94 and ANSI AIHA Z9,5 - 2003. The activated carbon is tested to the ASTM (American Standard Method), assuring the optimal and constant quality of the raw material. We supply Carbon and HEPA filters for most makes of enclosure.

Laboratory Balances

Ingeniously Practical



products that are perfectly adapted to their environment